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"Infant Safety Separation Monitor".]

Abstract

An infant safety monitoring device that monitors a transmitters coded radio frequency (RF) signal mounted on an infants vehicle safety seat to a matched RF decoding receiver; that a vehicle driver would carry. This RF transmission and receiving system can operate between 902 and 928 MHz with 916MHz being the norm, and will sound an audible alarm when the a driver has exceeded an approximate safe distance of 40 feet from their child. The system uses paired hardwired ID addressing to allow for low interfere and providing security with the coded narrow band signal. The coupled units provide monitoring and warning of excessive separation distances between a driver with the receiver and their child in their infant safety seat. The system will help prevent a child from being inadvertently left in a vehicle unattended while the driver strays away.